

INFORMATION DISCLOSURE CITATION		DOCKET NUMBER	APPLICATION NUMBER	
<p style="text-align: center;">  OPIAN APPLICATION JAN 18 2002 SC188 FORM PTO 1449 (modified) PATENT & TRADEMARK OFFICE <i>several sheets if necessary</i> </p>		50623.55	09/967,186	
		APPLICANTS:	Jeffrey T. Ellis et al.	
		FILING DATE	September 28, 2001	
		EXAMINER	Unassigned	
			GROUP ART UNIT	Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JF	A	4,801,538	1/31/89	Hanada et al.	435	25	
	B	4,966,148	10/30/90	Millar	128	637	
	C	5,124,130	6/23/92	Costello et al.	422	82.06	
	D	5,176,882	1/5/93	Gray et al.	422	82.07	
	E	5,434,085	7/18/95	Capomacchia et al.	436	116	
	F	5,582,170	12/10/96	Soller	128	634	
	G	5,603,820	2/18/97	Malinski et al.	205	781	
	H	5,617,870	4/8/97	Hastings et al.	128	692	
	I	5,776,100	7/7/98	Forman	604	102	
	J	5,788,647	8/4/98	Eggers	600	526	
	K	5,806,517	9/15/98	Gerhardt et al.	128	635	
	L	5,852,058	12/22/98	Cooke et al.	514	564	
	M	5,860,938	1/19/99	Lafontaine et al.	600	585	
	N	5,885,842	3/23/99	Lai	436	116	
	O	5,935,075	8/10/99	Casscells et al.	600	474	
	P	5,980,705	11/9/99	Allen et al.	204	291	
	Q	6,002,817	12/14/99	Kopelman et al.	385	12	
JF	R	6,100,096	8/8/00	Bollinger et al.	436	116	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

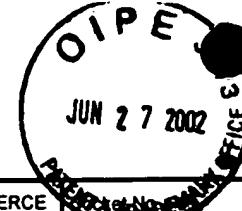
JF	S	Bennett et al., <i>Conductive Polymeric Porphyrin Films: Application in the Electrocatalytic Oxidation of Hydrazine</i> , Chem. Mater. 1991, 3, pp. 490-495.
	T	Heikkila et al., <i>A Sensitive Assay for Superoxide Dismutase Based on the Autoxidation of 6-Hydroxydopamine</i> , Analytical Biochemistry 75, 1976, pp. 356-362.
	U	Hishikawa et al., <i>Pulsatile Stretch Stimulates Superoxide Production in Human Aortic Endothelial Cells</i> , Circulation, 1997, 96:3610-3616.
	V	Niebauer et al., <i>Local L-Arginine Delivery After Balloon Angioplasty Reduces Monocyte Binding and Induces Apoptosis</i> , Circulation, 1999, 100:1830-1835.
	W	Oemar et al., <i>Reduced Endothelial Nitric Oxide Synthase Expression and Production in Human Atherosclerosis</i> , Circulation, 1998, 97:2494-2498.
JF	X	van der Loo et al., <i>Inactivation of Nitric Oxide by Superoxide is a Mechanism Leading to Age-Related Endothelial Dysfunction</i> , JACC February 2000, p. 277A (Abstract).

DATE CONSIDERED

5/29/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not information and not considered. Include copy of this with next communication to applicant.

FORM PTO-1449 (Modified) Approved for use through 10/31/2002		US DEPARTMENT OF COMMERCE US Patent and Trademark Office		Docket No. 50623.55	Application No. 09/967,186
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)		JUN 27 2002 U.S. PATENT & TRADEMARK OFFICE RECEIVED APR 13 2003 EX-13		Applicant Jeffrey T. Ellis	
				Filing Date September 28, 2001	Group Art Unit Unknown
U.S. PATENT DOCUMENTS					
Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class Subclass Filing Date If Appropriate
	A1				
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class Subclass Translation Yes No
	B1				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
JF	C1	Barker et al., <i>Ratiometric And Fluorescence-Lifetime-Based Biosensors Incorporating Cytochrome C' And The Detection Of Extra- And Intracellular Macrophage Nitric Oxide</i> , Anal. Chem., May 1, 1998, 71:1767-1772.			
	C2	Barker et al., <i>Development And Cellular Applications Of Fiber Optic Nitric Oxide Sensors Based On A Gold-Adsorbed Fluorophore</i> , Anal. Chem., Dec. 1, 1998, 70:4902-4906.			
	C3	Barker et al., <i>Fiber-Optic Nitric Oxide-Selective Biosensors And Nanosensors</i> , Anal. Chem., March 1, 1998, 70:971-976.			
	C4	Barker et al., <i>Cellular Applications Of A Sensitive And Selective Fiber-Optic Nitric Oxide Biosensor Based On A Dye-Labeled Heme Domain Of Soluble Guanylate Cyclase</i> , Anal. Chem., June 1, 1999, 71:2071-2075.			
	C5	Bedioui et al., <i>Practical Aspects And Methodological Approaches To Achieve Electrochemical Detection Of Submicromolar NO In Biological Systems</i> , Biosens. & Bioelectron., 1998, 13:227-230.			
	C6	Bedioui et al., <i>Elaboration And Use Of Nickel Planar Macroyclic Complex-Based Sensors For The Direct Electrochemical Measurement Of Nitric Oxide In Biological Media</i> , Biosens. & Bioelectron., 1997, 12:205-212.			
	C7	Brovkovich et al., <i>Direct Electrochemical Measurement Of Nitric Oxide In Vascular Endothelium</i> , J. Pharm. Biomed. Anal., 1999, 19:135-143.			
	C8	Fiacabruno et al., <i>Electrochemical Characterization Of Thin-Film Carbon Interdigitated Electrode Arrays</i> , Analytica Chimica Acta, 1996, 326:155-161.			
	C9	Lisdal et al., <i>Superoxide Dismutase Activity Measurement Using Cytochrome c-Modified Electrode</i> , April 1, 1999, Anal. Chem. 71:1359-1365.			
JF	C10	Malinski et al., <i>Diffusion Of Nitric Oxide In The Aorta Wall Monitored In Situ By Porphyrinic Microsensors</i> , Biochem. Biophys. Res. Commun., June 10, 1993, 193:1076-1082.			
EXAMINER <i>[Signature]</i>			DATE CONSIDERED	5/23/03	
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FORM PTO-1449 (Modified) Approved for use through 10/31/2002		US DEPARTMENT OF COMMERCE US Patent and Trademark Office	Application No. 50623.55	Application No. 09/967,186
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)		Applicant	Jeffrey T. Ellis	
		Filing Date	September 28, 2001	Group Art Unit Unknown
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
J	C11	Pontie et al., <i>Improvement In The Performance Of A Nickel Complex-Based Electrochemical Sensor For The Detection Of Nitric Oxide In Solution</i> , Sensors and Actuators, 1999, B56:1-5.		
	C12	Privat et al., <i>Direct Electrochemical Characterization Of Superoxide Anion Production And Its Reactivity Toward Nitric Oxide In Solution</i> , Journal of Electroanalytical Chemistry, 1997, 436:261-265.		
	C13	Privat et al., <i>Superoxide Release From Interleukin-1B-Stimulated Human Vascular Cells: In Situ Electrochemical Measurement</i> , Free Radic. Biol. Med., 1999, 27:554-559.		
	C14	Scheller et al., <i>Cytochrome C Based Superoxide Sensor For In Vivo Application</i> , Electroanalysis, 1999, 11:703-706.		
J	C15	Tammesveski et al., <i>Superoxide Electrode Based On Covalently Immobilized Cytochrome C: Modelling Studies</i> , Free Radic. Biol. Med., 1998, 25:973-978.		
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in an Application

(Use several sheets if necessary)

Docket No.
50623.55Application No.
09/967,186

Applicant

Jeffrey T. Ellis

Filing Date

September 28, 2001

Group Art Unit

3763

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
	A1						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
	B1							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

CR	C1	Ehrenreich-Forster et al., <i>Biosensor For In-Vivo Measurement of Superoxide Radicals</i> , Biospektrum, 1997, 4:34-37 (English Translation).
JF	C2	Malinski et al., <i>Direct Measurement Of Nitric Oxide In The Cardiovascular System</i> , Physiol. Res., 1996, 45:279-284.
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